

Remark

Applicants respectfully request reconsideration of this application. No claims have been amended. No claims have been cancelled. Therefore, claims 1-21 are present for examination.

Drawings

The Examiner has objected to the drawings as handwritten. Replacement drawings are submitted herewith.

35 U.S.C. §102 Rejection*Son et al.*

The Examiner has rejected claims 1, 4-12, 15-18 and 20-21 under 35 U.S.C. §102 (e) as being anticipated by Son, U.S. Publication No. 2001/0017920 A1 ("Son"). As described in Son paragraph 29, the remote server responds by **first** decrypting using a first key and then **after** the video program is decrypted, the remote server re-encrypts the video program into a second encrypted form using a second key. Claim 1, however, recites "simultaneously decrypting and re-encrypting the encrypted content using a combination of the first and the second cipher streams." There is no suggestion in Son of **simultaneously** decrypting and re-encrypting nor of using a **combination** of the first and second cipher streams. Accordingly Claim 1 is believed to be allowable over the reference.

The Examiner refers further to paragraphs 30-32 as further showing anticipation of some of the present claims. Applicants find no more relevant teachings there. Son does state that a re-encrypted program is "multiplexed with other signals to generate a multiplexed signal." However this refers only to multiplexing encrypted versions of the video programs for transmission. At the

receiver, the signals are demultiplexed and the desired program is decrypted. There is no suggestion that keys or cipher streams be multiplexed or combined in any other way.

The remaining claims 2-21 are believed to be allowable for the reasons provided above as well as for the limitations expressly set forth in each claim, respectively.

35 U.S.C. §103 Rejection

Son in view of Akiyama

The Examiner has rejected claims 2-3, 13-14 and 19 under 35 U.S.C. §103 (a) as being unpatentable over Son in view of Akiyama, U.S. Patent No. 6,460,137 B1 ("Akiyama"). In Akiyama an "exclusive OR turns out encrypted data (Abstract)." Specifically, "the exclusive OR circuit outputs an exclusive OR of the content of the transport packet P of the plain text and the encrypted data (cipher stream) from the second DES encryption circuit for title" (Col. 8, lines 39-41). There is absolutely no suggestion of simultaneous encryption and decryption nor of exclusive OR-ing first and second cipher streams. Instead, Akiyama uses an exclusive OR to apply the cipher stream from the second DES circuit to the data in the transport packet. Accordingly, the claims are believed to be allowable over the combination.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

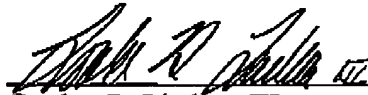
Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension. Charge our Deposit Account.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 2/22/05


Gordon R. Lindeen III
Reg. No. 33,192

12400 Wilshire Boulevard
7th Floor
Los Angeles, California 90025-1026
(303) 740-1980

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